



for
HOSPITALS

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RODDIS DOORS *for* HOSPITALS



*"Beautiful Buildings
Deserve Beautiful Doors"*

RODDIS LUMBER & VENEER COMPANY

Marshfield, Wisconsin, U. S. A.



*D*ISINFECTANTS, scientific ventilation, proper dieting, clean sanitary rooms, and other contributions to the betterment of public health and living conditions, had their first employment by hospitals. So did Flush Doors. Although now used extensively in buildings of other nature, the Flush Door remains primarily a hospital door. The sanitary, soundproof and fire-resisting qualities of the Flush Door first had recognition by hospital authorities. So general is this preference for the Flush Door among experienced hospital architects and builders that in present-day construction any other type of door is considered as obsolete as the tin bathtub of a previous generation.

The following pages give interesting instances of recent installations of Roddis Flush Doors in hospitals of renown.



Church Home and Infirmary, New Addition
Baltimore, Maryland

Wyatt & Nolting, Architects

Frainie Brothers & Haigley, Contractors

Roddis Doors Throughtout

THE sanitary feature of Roddis Flush Doors is, of course, the first quality to win the unlimited endorsement of hospital designers. The smooth, broad surface of natural wood provides no lodging places for dust or dirt. There are no cracks, no mouldings, no panels,

to gather and hold dust, or to make its removal difficult. The application of a wiping cloth removes every trace of dust. It can be washed down and instantly dried; there are no crevices that can escape. There is not a hiding place for a solitary germ or grain of dust. The Flush Door completes the sanitary provisions maintained by cement or varnished floors, washable walls, light airy drapes at windows and cleanable floor-rugs.



THE important fact that Roddis Flush Doors are soundproof provides further reason for their universal installation in hospitals. Unlike the old-style door, they have no thin, vibrating panels to catch and transmit every sound. There is a solid thickness of wood, five-ply of wood cemented together, from top to bottom of the door. It serves as an efficient blanket for noise. Moreover, Roddis Flush Doors are constructed in such a manner that they can not shrink nor swell; hence they can be fitted snugly. There need be no allowances at top, bottom or side to take care of change in the door's size. The Flush Door can, indeed, be considered a swinging portion of the room-partition, so completely does it seal the room from sound when closed.

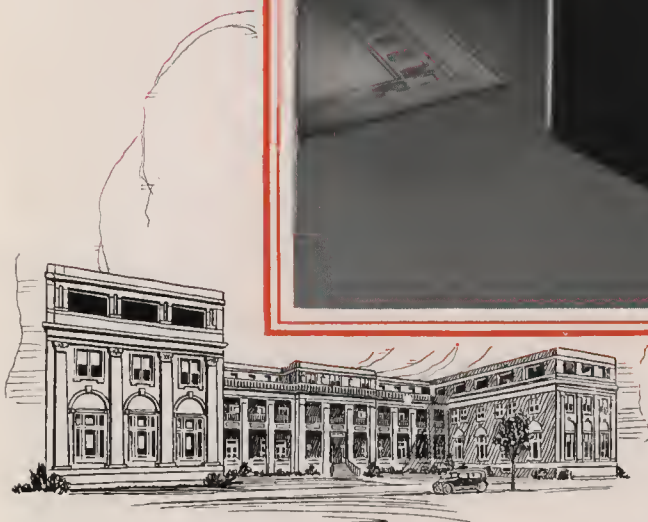


Sutter Hospital, Sacramento, California
643 Birch Doors

Myers & Johnson, Architects
742 Market Street
San Francisco, California

George Wagner, Contractor
251 Kearny Street
San Francisco, California

Roddis Doors Throughout



Masonic Home, North Broad Street
Philadelphia, Pennsylvania

The Ballinger Company, Architects
12th and Chestnut Streets
Philadelphia, Pennsylvania

A. Raymond Raff Company, Builders
1635 W. Thompson Street
Philadelphia, Pennsylvania

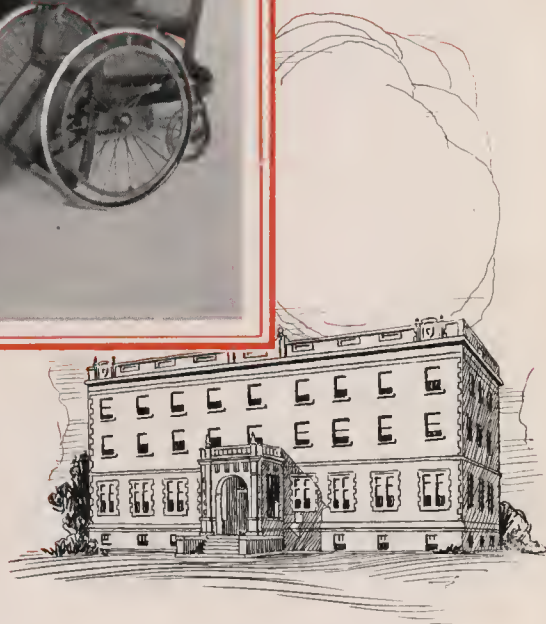
Roddis Doors Throughout

RODDIS Flush Doors comply with the demands of fireproof construction. The five-layers of wood, plus the rock-like waterproof glue, form an effective barrier to the progress of flame. While these Doors unquestionably would, if held in a roaring furnace, eventually be destroyed, a door of any material would prove ineffectual in a conflagration so severe. Roddis Flush Doors may be relied upon to bar the spread of a blaze from any room they guard. Evidence on this score is provided by a recent laboratory test in which a blow-torch required an hour and ten minutes to cut its way through the Door. With the ability to present this stubborn resistance to a concentrated flame, it is evident any incipient blaze would be at once discouraged. Another feature of the Flush Door for hospitals.



*T*HE great strength and lasting durability of Roddis Flush Doors gives them the capacity for long and severe service demanded by the hospital. Reference to the technical descriptions on pages 14 and 15 will make clear the structural merits of these Doors which, because of their design, can not sag, warp, shrink, swell, separate, check nor lose their enduring beauty. They deliver so complete service that they can be and are guaranteed without condition.

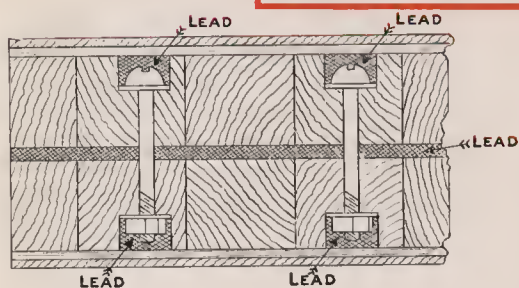
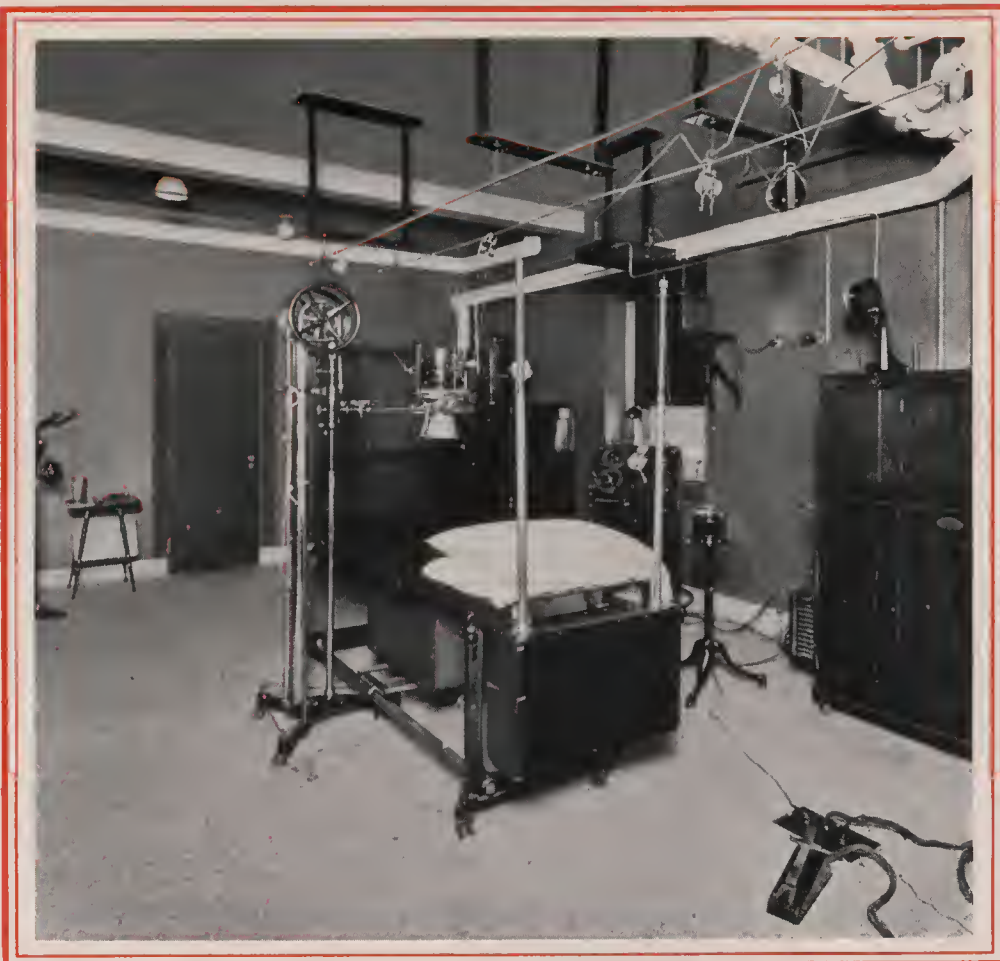
A point not to be overlooked, is the inherent beauty of these Doors and their adaptability to any and all plans of interior decoration. They can be enameled white if desired, or they can be had in exquisite finishes of the natural wood. In many hospitals, the beauty of the Doors is used to offset the rather sombre impression of the severe architecture.



Administration Building for City
Tuberculosis Hospital
Grand Rapids, Michigan

Robinson & Campan, Architects
742 Michigan Trust Building
Grand Rapids, Michigan

Roddis Doors Throughout



This cross-section drawing shows the sheet of lead imbedded in the X-Ray Door, and the bolted construction which insures permanency of alignment.

THE Roddis X-Ray Door is a specialized contribution to hospital equipment. To the eye, the Door has the same beauty of appearance as the standard Roddis Door. But, in the center of the Door is placed a thick, continuous sheet of lead. This is bolted in place securely with lead-covered bolts. On the outside, are the usual two layers of veneer, the surface veneer being finished as wanted. This X-Ray Door was designed for us by an architect of long experience in hospital designing, who desired to get away from the customary heavy, awkward and unsightly lead door used for X-Ray rooms. It can be furnished in any desired size and finish, with lead armament sufficient to equal any situation.

Partial R O L L C A L L of Hospitals using Roddiss Flush Doors throughout

CALIFORNIA

Municipal Hospital Los Angeles
Government Archt.
Sutter Hospital Sacramento
Meyer & Johnson, Archts.,
742 Market St., San Francisco
Sisters Hospital Sacramento
R. A. Herrold, Archt., Forum Bldg., Sacramento
County Hospital Sacramento
R. A. Herrold, Archt., Forum Bldg., Sacramento
U. S. Veterans Hospital Livermore
Matthew O'Brien, Archt.,
Nevada Bank Building, San Francisco
Hebrew Home for Aged & Disabled, San Francisco
Samuel Lightner Hyman, Archt.,
68 Post St., San Francisco
Stamford Hospital Stamford
Davis S. Castle Co., Archts., Abilene, Tex.

CONNECTICUT

Norwalk Hospital Norwalk
Wm. A. Boring, Archt., New York City
Isolation Hospital Bridgeport
Cross & Cross, Archts., New York City
Nurses Home Middletown, Conn.
Walter P. Crabtree, Archt., New Britain, Conn.
Maternity Hospital Hartford
Kendall, Taylor & Co., Archts.
Hospital Hartford
Carl Melmfeldt, Archt., Hartford

DELAWARE

St. Francis Hospital Wilmington
Frank R. Watson, Archt.,
1211 Walnut St., Philadelphia, Pa.

IDAHO

St. Joseph's Hospital Lewistown
Beezer Brothers, Archts., Seattle, Wash.

ILLINOIS

Holden Hospital Carbondale
Alex. B. Boyer, Archt.,
482 Arcade Building, St. Louis, Mo.
Huber Mem. Hosp. & Train. Sch. for Nurses Pana
Wessbecher & Willebrand, Archts., St. Louis, Mo.
Lake City Hospital South Chicago
Eric E. Hall, Archt.,
123 W. Madison St., Chicago, Ill.
Research & Educational Hospital Chicago
Main & Orthopedic Building
Schmidt, Garden & Martin, Archts., Chicago

INDIANA

Blackford County Hospital Hartford City
E. Hill Turnock, Archt., Elkhart, Ind.
U. S. Gov. Hospital Marion
Schenck & Williams, Archts., Dayton, Ohio
Goshen Hospital Goshen
A. L. Simmons, Archt., Elkhart, Ind.
St. Antony's Hospital Terre Haute
J. G. Vrydag, Archt.

IOWA

Mercy Hospital Cedar Rapids
William L. Steele, Archt., Sioux City, Iowa
U. S. Govt. Hospital Knoxville
Dunkley, Gov. Archt., Southard & Hudson San.
Allen Memorial Hospital Waterloo
Mortimer B. Cleveland, Archt.
State Sanitarium Oakdale
H. F. Liebbe, State Archt., Des Moines, Iowa
Max Mildenstein, Cont., Cedar Rapids, Iowa

LOUISIANA

John Dibert Mem., Hotel Dieu, San. New Orleans
Paul Andry, Archt.
Geo. J. Glover, Cont.
Eye, Ear, Nose & Throat Hospital New Orleans
Favrot & Livaudair, Archts.
Geo. J. Glover, Cont.

MAINE

Augusta State Hospital Augusta
Edward F. Stevens & C. G. Bunker, Archts.
Boston, Mass. Augusta, Me.
Sisters' Hospital Waterville
Henry L. Rourke, Archt., Lowell, Mass.
Madigan Hospital Houlton
J. C. & J. H. Stevens, Archts., Portland, Me.

MARYLAND

Crownsville State Hospital Crownsville
Henry P. Hopkins, Archt., Baltimore, Md.
Northwestern Const. Co., Cont., Baltimore, Md.
Eye, Ear, Nose & Throat Hospital Baltimore
Herbert Jory, Archt., Baltimore, Md.
Williams & Armiger, Cont., Baltimore, Md.
Baltimore Hosp. for Commun. Disease Baltimore
Edward H. Glidden, Archt., Baltimore, Md.
Price Constr. Company, Cont., Baltimore, Md.
Bon Secour Hospital, East Wing, West Wing and
Main Bldg. Baltimore
Jos. Evans Sperry, Archt., Baltimore, Md.
Frainie Bros. & Haighley, Cont., Baltimore, Md.
Childrens' Hospital Baltimore
Wm. Gordon Beecher, Archt., Baltimore, Md.
Frainie Bros. & Haighley, Cont., Baltimore, Md.
U. S. Marine Hospital Baltimore
Supervising Archt., U. S. Government
N. W. Const. Co. Cont., Baltimore, Md.
Union Memorial Hospital Baltimore
Jos. Evans Sperry, Archt., Baltimore, Md.
Frainie Bros. & Haighley, Cont., Baltimore, Md.
Church Home & Infirmary Baltimore
Wyatt & Nolting, Archts., Baltimore, Md.
Frainie Bros. & Haighley, Cont., Baltimore, Md.

MASSACHUSETTS

Worcester Hospital Worcester
Fuller & Delano Co., Archts.
Rutland Hospital Rutland
Treasury Dept., Washington, D. C., Archt.
Holden Hospital Holden
Fuller & Delano Co., Archts., Worcester, Mass.
Gardner Hospital Gardner
Curtis W. Bixby, Archt., Boston, Mass.
Fairlawn Hospital Worcester
Frost & Chamberlain, Archts.
Malden Hospital Malden
William D. Austin, Archt., Boston, Mass.
Infants Hospital Brookline
Coolidge & Shatruck, Archts., Boston, Mass.
Sturdy Hospital Attleboro
Kendall, Taylor & Co., Archts., Boston, Mass.
New England Sanitarium Melrose
C. W. Bixby & Harland A. Perkins, Archts.,
Boston, Mass.
Lawrence Memorial Hospital Medford
Stevens & Lee and Chas. B. Dunham, Archts.,
Boston, Mass.
Robt. B. Brigham Hospital Roxbury
French & Hubbard, Archts., Boston, Mass.
St. Luke's Hospital New Bedford
Kendall, Taylor & Co., Archts., Boston, Mass.
State Hospital Tewkesbury
Clarence P. Hoyt, Archt., Boston, Mass.
Tuberculosis Hospital Fall River
Foxboro State Hospital Foxboro
MacLaughlin & Burr, Archts., Boston, Mass.

MICHIGAN

Grand Rapids Clinic Building Grand Rapids
Ellerbe & Co., Archts., St. Paul, Minn.
Blodgett Hospital Grand Rapids
York & Sawyer, Archts., New York City
Blodgett Hospital Nurses Lodge Grand Rapids
Robinson & Campau, Archts., Grand Rapids,
Mich.
Butterworth Hospital Grand Rapids
Robinson & Campau, Archts., Grand Rapids,
Mich.

City Tuberculosis Hospital Grand Rapids
Robinson & Campau, Archts., Grand Rapids,
Mich.
City Tuberculosis Admin. Bldg. Grand Rapids
Robinson & Campau, Archts., Grand Rapids,
Mich.
Pennock Hospital Hastings
Arthur Foster, Archt., Chicago, Ill.
Mercy Hospital Muskegon
E. Brielmaier & Sons, Milwaukee, Wis.
St. Mary's Hospital Grand Rapids
C. G. Vierheilg, Archt., Grand Rapids, Mich.
Saginaw General Hospital Saginaw
Schmidt, Garden & Martin, Archts.
O. W. Jenkins Co., Gen. Conts., Chgo. & Saginaw

MINNESOTA

Ashton Memorial Hospital Pipestone
Peter Oliver Moe, Architect
State Hospital Owatonna
C. H. Johnston, Archt.
Government Hospital St. Cloud
Government Archt.
Jewish Home for Aged St. Paul
C. H. Johnston, Archt.
Wilder Free Dispensary St. Paul
C. H. Johnston, Archt.
West Wing Infirmary Bldg., Glen Lake Sanitarium,
Minneapolis
Sund & Dunham, Archts., Pike & Cook, Cont.
Nurses Home—Asbury Hospital
Bertrand & Chamberlain, Archts., Minneapolis
Bethany Home for the Aged Minneapolis
A. R. Van Dyck, Archt.
Minnesota State Sanitarium Walker
C. H. Johnston, Archt.
Shriners Hospi. for Crippled Children, Minneapolis
Bertrand & Chamberlain, Archts.

MISSISSIPPI

U. S. Veterans Hospital Gulfport
Government Archt.

MISSOURI

St. Luke's Hospital Kansas City
Keene & Simpson, Archts., Kansas City, Mo.
United States Veterans Hospital, Jefferson Barracks
Government Archt.
Hospital for Sisters of St. Mary St. Louis
Albert B. Groves, Archt.
314 N. 4th St., St. Louis, Mo.
Hospital Bldg., Missouri State Univ. Columbia
Jamieson & Spearl, Archts.,
Arcade Building, St. Louis, Mo.
Service Bldg. for Feeble Minded, St. Louis, Mo.
Chief Engineer, L. R. Bowen,
City Hall, St. Louis, Mo.
Hosp. Bldg. for Pitts. Plate Glass Co., Crystal City
T. P. Barnett Co., Archt.,
Arcade Building, St. Louis, Mo.
Shriners Hospital for Crippled Children St. Louis
Wm. B. Ittner, Archt.,
911 Locust Street, St. Louis, Mo.
Dormitories A. B. C. for St. Louis Training School
for Feeble Minded St. Louis
L. R. Bowen, Chief Engineer, City Hall,
St. Louis, Mo.
Addition and Alteration to St. Louis Children's
Hospital St. Louis
Mauran, Russell & Crowell, Archts., Chemical
Building, St. Louis, Mo.
St. Louis Women's Infirmary
Robert Koch Hospital Koch
L. R. Bowen, Chief Engineer,
City Hall, St. Louis, Mo.
The New Liberty Hospital St. Louis
Helfensteller, Hirsch & Watson, Archts.,
Chemical Bldg., St. Louis, Mo.
Custodial Building, Missouri Colony, Marshall
Samuel M. Hitt, Archt., Kansas City, Mo.

Partial ROLL CALL—continued

NEW HAMPSHIRE

N. H. State Sanitarium Benton
C. R. Whitcher, Archt.
Wolfeboro Hospital Wolfeboro Falls
Dow, Harlow & Kimball, Archts., Boston, Mass.
Mary E. Hunt Home Nashua
State Insane Hospital Concord
C. R. Whitcher, Archt., Manchester, N. H.

NEW JERSEY

Newcomb Hospital Vineland
Stearns & Woodmurt, Archts.,
Stephen Girard Building, Philadelphia, Pa.
Elizabeth General Hospital Elizabeth
Crow, Lewis & Wick, Archts.,
200 Fifth Avenue, New York City
John W. Ferguson, Builder, New York City
Bridgeton Hospital Bridgeton
Stearns & Woodmurt, Archts.,
Stephen Girard Bldg., Philadelphia, Pa.

NEW YORK

New Rochelle Hospital New Rochelle
Crow Lewis & Wick, Archts.,
200 Fifth Ave., New York City
Lawrence Hospital, New Addition, Bronxville
Bates & How, Archts.,
37 W. 39th Street, New York City
Emergency Hospital Buffalo
Geo. Dietel, Archt.
Sisters of Charity Hospital Buffalo
Geo. Dietel, Archt.
Lockport Hospital Lockport
Jas. R. Tyler, Archt.
Buffalo City Hospital Buffalo
E. J. & W. A. Kidd, Archts.
Nurses Home, Our Lady of Victory's Care, Lackawanna
A. A. Post, Archt.
St. Joseph's Hospital Elmira
Harry Haskell, Archt., Elmira, N. Y.
St. Francis Hospital Port Jarvis
Francis J. Murphy, Archt.
407 E. 101st St., New York City
Lawrence Hospital Bronxville
Harry L. Walker, Archt.
Sanitarium 121st & Mt. Morris Park New York
Henry A. Koelbe, Archt.,
114 E. 28th Street, New York City
Benedictine Hospital Kingston
F. J. Murphy, Archt., 407 E. 101st St., New York
Orthopaedic Hospital White Plains
Delano & Aldrich, Archts., 126 E. 38th St.,
New York City
Tuxedo Memorial Hospital Tuxedo
Bowen Bancroft Smith, Archts.,
50 West 47th Street, New York City

NORTH CAROLINA

Pitt Community Hospital Greenville
Wilson, Berryman & Kennedy, Archts.,
Raleigh, N. C.

NORTH DAKOTA

Men's Ward Building, State Hospital Jamestown
Keith & Kurk, Archt.

OHIO

Jewish Hospital Cincinnati
A. Lincoln Fechtmeier, Archt.,
Foedrick Schmidt Building, Cincinnati, O.
Hempstead Hospital Portsmouth
Devoss & Donaldson, Archts., Portsmouth, Ohio
St. Rita's Home for Deaf Lockland
J. F. Shehlessy, Archt., Cincinnati, O.
Dr. Kelly Hale Hospital Wilmington
Vernon Redding, Archt.
U. S. Veterans Hospital Chillicothe
U. S. Govt. Archt.
Cleveland Hospital Cleveland
Ellerhe & Co., Archts., St. Paul, Minn.
Maternity Hospital Cleveland
Ahram Garfield, Archt.,
913 Garfield Building, Cleveland, O.
Bahies Dispensary & Hospital Cleveland
Ahram Garfield, Archt.,
913 Garfield Building, Cleveland, O.
General Hospital, Nurses Home, Mansfield
Vernon Redding & Associates, Archts.,
Bird Building, Mansfield, Ohio
Municipal Hospital Toledo
Clarence Parman, Archt., Toledo, O.
Childrens Hospital Columbus
Richards, McCarty & Bulford, Archts.,
584 E. Broad St., Columbus, O.
Mercy Hospital Columbus
E. K. Hibbs Engineer & Construction Co.,
Contractors and Designers, Columbus, O.
Nurses Home, Grant Hospital Columbus
Richards, McCarty & Bulford, Archts.

OREGON

Shriners Hospital for Crippled Children Portland
Sutton & Whitney, Archts.
Multnomah Hospital Portland
Sutton & Whitney, Archts.
Eugene Bible University Hospital Eugene
J. R. Ford, Archt.

PENNSYLVANIA

Pennsylvania Hospital Waynesboro
Wyatt & Nolting, Archts., Baltimore, Md.
North Eastern Construction Company, Coats.,
Baltimore, Md.
Presbyterian Hospital Philadelphia
John T. W. Windrim, Archt.,
Commonwealth Building, Philadelphia, Pa.
Philadelphia Hospital, Men's Department,
T. B. Mental Patients Building
Philip H. Johnson, Archt.,
1713 Sansom Street, Philadelphia, Pa.
Bryn Mawr Hosp., Maternity Hosp., Bryn Mawr
Arthur H. Brockie, Architect,
254 S. 15th St., Philadelphia, Pa.
Philipsburg State Hospital Philipshurg
Geo. S. Idell, Archt., 1705 Chestnut St.,
Philadelphia, Pa.

Phila. Gen. Hosp., T. B. Building, Philadelphia
Philip H. Johnson, Archt.,
1713 Sansom Street, Philadelphia, Pa.
Jefferson Hospital Philadelphia
John T. Windrim, Archt., Commonwealth Bldg.,
Philadelphia, Pa.
Philadelphia Hosp., Children's Dep., Byberry
Philip H. Johnson, 1713 Sansom Street, Archt.,
Philadelphia, Pa.
Samaritan Hospital Philadelphia
Amos W. Barnes, Archt., Philadelphia, Pa.
(Perry Building)
Masonic Home, North Broad St., Philadelphia
The Ballinger Co., Archts., Philadelphia, Pa.

RHODE ISLAND

Wallum Lake Hospital Wallum Lake
W. F. Fontaine, Archt., Woonsocket, R. I.

TEXAS

The Richmond Freeman Memorial Hospital Dallas
Lang & Witchell, Archts., Dallas Texas
Baylor Hospital Waco
Birch D. Easterwood Architect, Waco, Texas
Potter County Hospital Amorillo
Guy A. Garlander, Archt., Amorillo, Texas
Baptist Hospital Houston
R. D. Steele, Archt., A. I. A., Houston, Texas

VERMONT

Randolph Sanitarium Randolph
C. H. Crandall, Archt.

VIRGINIA

U. S. P. H. Hospital, Tanners Creek, Norfolk
Supervising Archt. U. S. Govt.
Johnston-Willis Hospital Richmond
Marcellus E. Wright, Archt.

DISTRICT OF COLUMBIA

Home for Incurables Washington, D. C.
Government Archt.
Childrens Hospital Washington, D. C.
Stevens & Lee, Archts., Boston, Mass.
Builder, Boyle, Robertson Co., Washington, D. C.
Millwork, Thos. W. Smith, Inc.,
Washington, D. C.

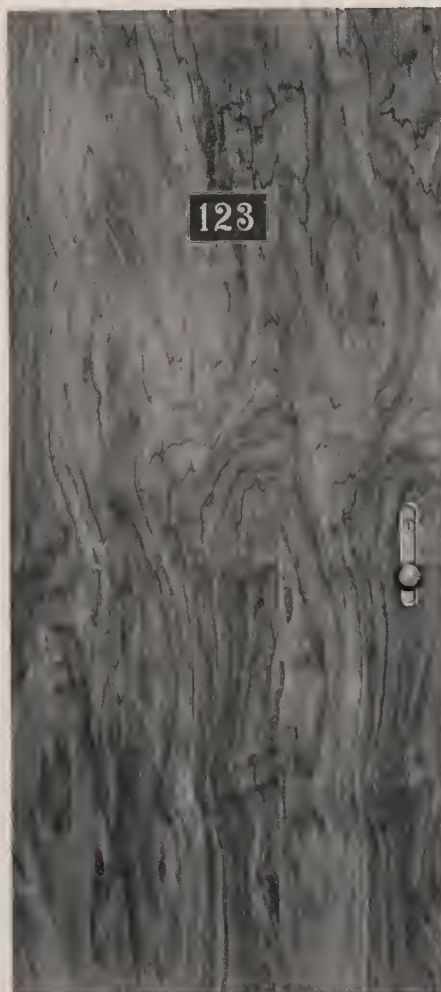
WEST VIRGINIA

St. Francis Hospital Charleston
Wm. Ginther, Archt., Akron, O.

WISCONSIN

Nurses Home, Milwaukee Hospital Milwaukee
Clas Shepard & Clas, Archts., Colby & Abbot
Building, Milwaukee, Wis.
Childrens Free Hospital, 17th and Grand Ave.,
Milwaukee
Scott & Taylor, Archt.
St. Mary's Hospital Rhinelander
Brielmaier & Sons, Archts., Milwaukee, Wis.
Misericordia Hospital Milwaukee
Backes & Pfaller, Archts.

THESE hospitals—and many more not listed here—present most conclusive evidence of the pre-eminence of Roddis Doors for hospital installation. They are suited equally for small hospitals or large, in every section of the country, wherever modern construction is demanded. And leading architects everywhere look upon them as standard door equipment for this type of building.



*T*YPE "A" Door, Plain Walnut with Number Plate inlaid. Can be furnished with numbers, or other inlaid designs including lettering. The inlay is flush with the surface of the door and offers no lodging place for dust or germs.



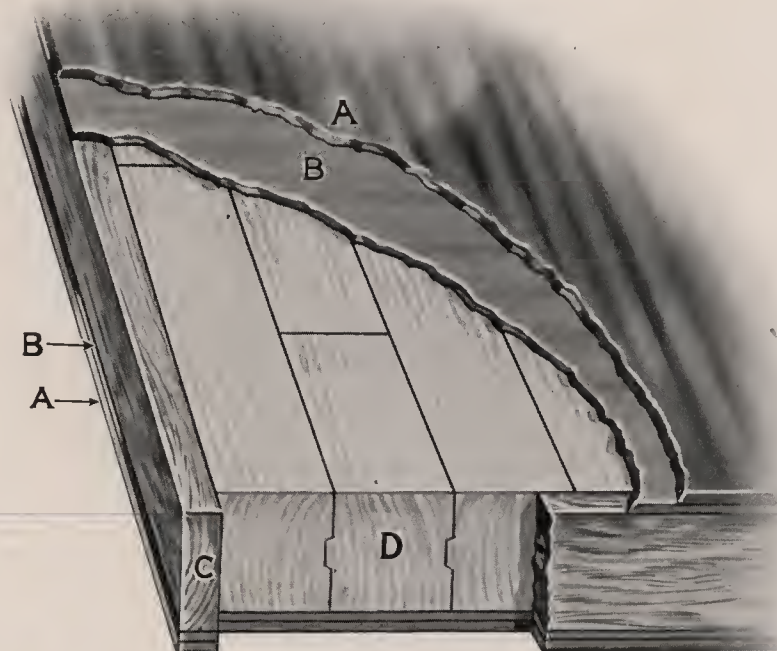
*T*YPE "R-302" Door, Unselected Birch. With observation opening. Designed for use in all instances where window in door is desired. The opening can be of any size or shape required for any given purpose. It can be finished and inlaid as desired.



TYPE "A" Door, Unselected Birch. Can be finished natural, or stained to imitate Mahogany or Walnut, or enameled in any shade desired. This is the general-service door for hospitals. It can be had in any width and lends itself to practical decorative plans.



TYPE "R-304," Special Louvre Birch Door. The size of the Louvre can be varied to produce the degree of ventilation required. This door is widely used in hospitals for rooms needing constant ventilation. It can be finished and inlaid as desired.



HERE is a cut-away section of a Roddis Flush Door which clearly illustrates the exceeding merit of this perfected door construction. The Door is of 5-ply design. The soft-wood core (D) is entirely surrounded by the edge - strip (C). Waterproof glue of rock-like qualities cements these parts together into one integral unit. The cross-banding (B) gives lateral strength to the door which is then ready for the surface veneer (A) which carries the beautiful surface finish. This exclusive method of making Doors by the building-up process makes for unlimited serviceability.

Moisture, heat or cold—the enemies of all fine woodwork—have no effect on this construction. The waterproof glue is a Roddis formula and is to be had only in Roddis doors. When set, it is a rock-like substance that can scarcely be cut by ordinary tools.

Long life is built into these Doors; it is not to be told by mere surface inspection. The waterproof glue, as an instance, is never seen. Hence, leading architects and informed hospital builders make doubly sure their doors are made by Roddis. The name and reputation of the maker are the sole assurance of door satisfaction.

FEATURES of CONSTRUCTION



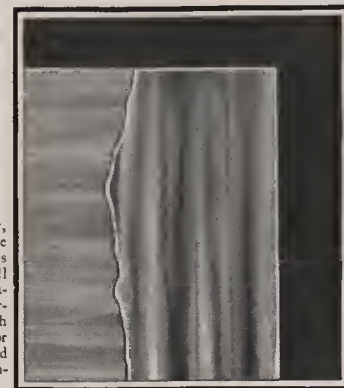
The blocks of softwood making up the core are uneven in length to equalize and absorb any tendency to shrink or swell. After a series of kiln-drying operations, during which all moisture above 2% is removed, the blocks are cemented together with waterproof glue, providing a core of unchangeable shape and size.

Around the core—top, bottom and both sides—is placed the edge-strip of hardwood, $\frac{1}{2}$ inch thick. This edge-strip, plus the waterproof glue, securely seals the core from the entrance of moisture from any of the four edges; a further protection against any possible warping, shrinking or swelling after the door is hung.



The cross-band of strong veneer, $\frac{1}{16}$ inch in thickness is next placed over the two sides of the door. Again waterproof glue is used. The grain of the veneer runs across the door, to further offset any tendency of the core to warp in a lateral direction.

Now comes the surface veneer, $\frac{1}{16}$ inch thick. Waterproof glue is used and the entire door goes into a hydraulic press where all the parts are forced into permanent alignment. Later, the surface veneer, the grain of which runs the long way of the door for further tensile strength, is finished as desired or inlaid with harmonizing woods.

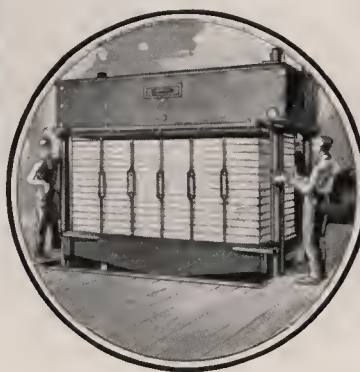


The waterproof glue is of a mineral base. When it dries and sets, it is a substance similar to cement or rock. Ordinary carpenters' saws will many times break in the endeavor to cut through it.



Here is a cut-away section of the finished door, looking at it from one end. Note the core, and the cross-banding veneer and the surface veneer on each side of the core, giving five-ply of wood, the grain of each running against the other so as to equalize warping tendencies, all cemented together under tremendous pressure with waterproof glue.

Tons of pressure are exerted by this great hydraulic press in order to give the doors permanent shape. As the result, Roddis Flush Doors are always true, square and of even surface. And they retain that shape in the face of hardest handling.



LOCAL WAREHOUSES & SERVICE STATIONS FOR RODDIS FLUSH DOORS

Baltimore, Md.	Kemp & Jackson	15 East Fayette Street
Binghamton, N. Y.	H. Sumner Gardner	38 Wall Street
Birmingham, Ala.	Becroft & Mallory Sales Co.	2022 Fourth Avenue, N.
Boston, Mass.	Geo. F. Tracy	101 Tremont Street
Buffalo, N. Y.	E. H. Wood	316 Jackson Building
Butte, Mont.	A. W. Adams	214 Metals Bank Bldg.
Chicago, Ill.	Frank Portet Lumber Co.	1814 N. Central Park Ave.
Cincinnati, Ohio	Geo. C. Ramsey	206 W. Court St.
Cleveland, Ohio	Holbeck Door Co.	1423 Cleveland Discount Bldg.
Columbus, Ohio	B. M. Freeman Co.	252 North High Street
Dallas, Texas	Roddiss Lumber & Veneer Co.	402 Elm St.
Denver, Colo.	Geo. P. Heinz & Co.	1740 Champa St.
Des Moines, Iowa	Tower Materials Co., Inc.	709 Hubbell Building
Detroit, Mich.	Holbeck Door Co.	1710 Washington Blvd. Bldg.
Grand Rapids, Mich.	F. K. Tinkham	401-02 Murray Building
Houston, Texas	W. L. Macatee & Sons	
Indianapolis, Ind.	W. H. Snyder	P. O. Box 477
Kansas City, Mo.	Roddiss Lumber & Veneer Co.	2729 Southwest Blvd.
Los Angeles, Cal.	Bert E. Anderson Co.	807 North Cherokee Ave.
Mexico, D. F.	W. H. Robinson	1/a del Pino No. 44
Milwaukee, Wis.	H. G. Ek	230 Martin St.
Minneapolis, Minn.	H. O. Johnson	640 Builders Exchange
Nashville, Tenn.	E. T. Kirkpatrick	57 Arcade
New Orleans, La.	J. T. Mann & Co.	319 Dryades St.
New York, N. Y.	Sam Levin	271 West 125th St.
Norfolk, Va.	John E. Elmendorf	P. O. Box 916
Philadelphia, Pa.	D. B. Curl Lumber Co.	Real Estate Trust Building
Portland, Ore.	D. E. Fryer & Co.	409 Exchange Building
Richmond, Va.	Earnest Bros.	805 E. Franklin St.
Roanoke, Va.	F. Simmons	316 Am. National Bank Bldg.
San Francisco, Cal.	California Plywood & Door Co.	947 Brannan Street
Seattle, Wash.	D. E. Fryer & Co.	1105 Second Ave.
Spokane, Wash.	D. E. Fryer & Co.	1023 Paulson Building
St. Louis, Mo.	H. C. Uhlenhaut	2144 Railway Exchange Bldg.
Syracuse, N. Y.	H. L. Waterman, Inc.	904 Canal St.
Tacoma, Wash.	D. E. Fryer & Co.	Provident Building
Toledo, Ohio	J. M. Wilson	1822 Adams St.
Washington, D. C.	Wm. M. Cutler & Co.	Bond Building
Wilson, N. C.	John E. Elmendorf	P. O. Box 344
Shreveport, La.	O. F. Hughes	416 Merchants Building